IP Link® Device Interface Communication Sheet

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type:	Camera
Manufacturer:	Elmo
Firmware Version:	N/A
Model(s):	PTC-100S

Version History:

Driver Version	Date	IP Link Compiler	GC Version	Notes
3	7/20/2010	1.4.0	3.0.3	Added Broadcast and Pan, Tilt, Zoom speeds.
2	6/14/2010	1.4.0	3.0.3	Revised driver commands.
1	5/4/2010	1.4.0	3.0.3	Initial version.

Driver Notes:

- In Global Viewer controls for Pan, Zoom, and Focus are all Press-Release buttons where controls are activated when the button is pressed and stops once the button is released. The "Stop" command for these controls is for use in our MLC/TLP products to simulate Press-Release functionality.
- Pan/Tilt and Zoom speeds must be set before you select a Pan/Tilt or Zoom command.

Control Commands & States:

Aperture	Up	Down	
Auto Focus	On	Off	
Backlight	On	Off	
Focus	Far	Near	Stop
Iris	Up	Down	Reset
Pan Speed*	1-18		
Pan-Tilt	Left Right	Up Stop	Down
Power Control	On	Off	
Preset Recall	0-5	Select	
Preset Save	0-5	Select	
Shutter	On	Off	
Tilt Speed*	1-18		
Unit ID	1-7	Broadcast	
White Balance	Indoor FL Light	Outdoor Auto	OnePush
Zoom	Tele	Wide	Stop
Zoom Speed*	1-7		

*Default speed is 1

Status Available:

Auto Focus	On	Off	
Backlight	On	Off	
Connection Status	Connected	Disconnected	
Shutter	On	Off	
White Balance	Indoor FL Light	Outdoor Auto	OnePush

MLC62 Supported Commands:*

Aperture	Up	Down	
Auto Focus	On	Off	
Backlight	On	Off	
Focus	Far	Near	Stop
Iris	Up	Down	Reset
Pan-Tilt**	Left Right	Up Stop	Down
Power Control	On	Off	
Preset Recall	0-5		
Preset Save	0-5		
Shutter	On	Off	
White Balance	Indoor FL Light	Outdoor Auto	OnePush
Zoom***	Tele	Wide	Stop

*The Camera Address is set to 1.
**Pan/Tilt commands uses a speed of 9.
***Zoom command uses a speed of 3.

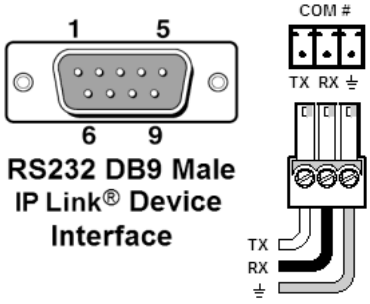
Cable and Adapter Requirements:
Female RS-232 to female mini 8 pin DIN

Notes for the Device:

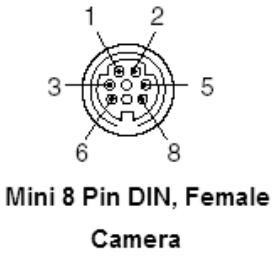
Serial communication:

Port Type:	RS-232	**Parity:**	None
Baud Rate:	9600	**Stop Bits:**	1
Data Bits:	8	**Flow Control:**	None

Pin Assignments Diagram:



Signal	Pin	Main Cable	Pin	Signal
RxD	2		5	RxD
TxD	3		3	TxD
GND	5		4	GND



Note: Captive screw connector may also be used as a serial connection.

General Notes: